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(i) APPLICANTS: Jiandong Chen
Sudhir Agrawal
Ruiwen Zhang

(ii) TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

(iii) NUMBER OF SEQUENCES: 49

(iv) CORRESPONDENCE ADDRESS:

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(B) STREET: 300 South Wacker Drive, 32nd Floor

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(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: Microsoft Word 97

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US

(B) FILING DATE:

(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Greenfield, Michael S.

(B) REGISTRATION NUMBER: 37,147

(C) REFERENCE/DOCKET NUMBER: 98,057-A

(ix) TELECOMMUNICATION INFORMATION:

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(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 2372 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: hmdm2 DNA

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1

GCACCGCGCG AGCTTGGCTG CTTCTGGGGC CTGTGTGGCC CTGTGTGTCG GAAAGATGGA 60
GCAAGAAGCC GAGCCCGAGG GGCGGCCGCG ACCCCTCTGA CCGAGATCCT GCTGCTTTCG 120
CAGCCAGGAG CACCGTCCCT CCCCAGGATTA GTGCGTACGA GCGCCAGTG CCCTGGCCCCG 180
GAGAGTGGA TGATCCCCGA GGCCAGGGC GTCGTGCTTC CGCAGTAGTC AGTCCCCGTG 240
AAGGAACTG GGGAGTCTTG AGGGACCCCG GACTCCAAGC GCGAAAACCC CGGATGGTGA 300
GGAGCAGGCA AATGTGCAAT ACCAACATGT CTGTACCTAC TGATGGTGCT GTAACCACCT 360
CACAGATTCC AGCTTCGGAA CAAGAGACCC TGGTTAGACC AAAGCCATTG CTTTGAAGT 420
TATTAAAGTC TGTGGTGCA CAAAAAGACA CTTATACTAT GAAAGAGGTT CTTTTTATC 480
TTGGCCAGTA TATTATGACT AAACGATTAT ATGATGAGAA GCAACAACAT ATTGTATATT 540
GTTCAAATGA TCTTCTAGGA GATTGTGTTG GCGTGCCAAG CTTCTCTGTG AAAGAGCACA 600
GGAAAATATA TACCATGATC TACAGGAACT TGGTAGTAGT CAATCAGCAG GAATCATCGG 660
ACTCAGGTAC ATCTGTGAGT GAGAACAGGT GTCACCTTGA AGGTGGGAGT GATCAAAAGG 720
ACCTTGTA CAAGAGCTTCAG GAAGAGAAAC CTTTCATCTTC ACATTTGGTT TCTAGACCAT 780
CTACCTCATC TAGAAGGAGA GCAATTAGTG AGACAGAAGA AAATTCAGAT GAATTATCTG 840
GTGAACGACA AAGAAAACGC CACAAATCTG ATAGTATTTT CCTTTCCTTT GATGAAAGCC 900
TGGCTCTGTG TGTAATAAGG GAGATATGTT GTGAAAGAAG CAGTAGCAGT GAATCTACAG 960
GGACGCCATC GAATCCGGAT CTGATGCTG GTGTAAGTGA ACATTCAGGT GATTGGTTGG 1020
ATCAGGATTC AGTTTCAGAT CAGTTTAGTG TAGAATTTGA AGTTGAATCT CTCGACTCAG 1080
AAGATTATAG CCTTAGTGAA GAAGGACAAG AACTCTCAGA TGAAGATGAT GAGGTATATC 1140
AAGTTACTGT GTATCAGGCA GGGGAGAGTG ATACAGATTC ATTTGAAGAA GATCCTGAAA 1200
TTTCCTTAGC TGAATATTGG AAATGCACTT CATGCAATGA AATGAATCCC CCCCTTCCAT 1260
CACATTGCAA CAGATGTTGG GCCCTTCGTG AGAATTGGCT TCCTGAAGAT AAAGGGAAAG 1320
ATAAAGGGGA AATCTCTGAG AAAGCCAAAC TGGAAAACCTC AACACAAGCT GAAGAGGGCT 1380
TTGATGTTCC TGATTGTAAA AAAACTATAG TGAATGATTC CAGAGAGTCA TGTGTTGAGG 1440
AAAATGATGA TAAAATTACA CAAGCTTCAC AATCACAAGA AAGTGAAGAC TATTCTCAGC 1500
CATCAACTTC TAGTAGCATT ATTTATAGCA GCAAGAAGA TGTGAAAGAG TTTGAAAGGG 1560
AAGAAACCCA AGACAAAGAA GAGAGTGTGG AATCTAGTTT GCCCTTAAT GCCATTGAAC 1620
CTTGTGTGAT TTGTCAAGGT CGACCTAAAA ATGGTTGCAT TGTCCATGGC AAAACAGGAC 1680
ATCTTATGGC CTGCTTTACA TGTGCAAAGA AGCTAAAGAA AAGGAATAAG CCCTGCCCAG 1740
TATGTAGACA ACCAATTCAA ATGATTGTGC TAACTTATTT CCCCTAGTTG ACCTGTCTAT 1800
AAGAGAATTA TATATTTCTA ACTATATAAC CCTAGGAATT TAGACAACCT GAAATTTATT 1860
CACATATATC AAAGTGAGAA AATGCCTCAA TTCACATAGA TTTCTTCTCT TTAGTATAAT 1920
TGACCTACTT TGGTAGTGGA ATAGTGAATA CTTACTATAA TTTGACTTGA ATATGTAGCT 1980
CATCCTTTAC ACCAACTCCT AATTTTAAAT AATTTCTACT CTGTCTTAAA TGAGAAGTAC 2040
TTGGTTTTTT TTTTCTTAAA TATGTATATG ACATTTAAAT GTAACCTATT ATTTTTTTTG 2100
AGACCGAGTC TTGCTCTGTT ACCCAGGCTG GAGTGCAGTG GGTGATCTTG GCTCACTGCA 2160
AGCTCTGCCC TCCCCGGGTT CGCACCATTG TCCTGCCTCA GCCTCCCAAT TAGCTTGGCC 2220
TACAGTCATC TGCCACCACA CCTGGCTAAT TTTTGTACT TTTAGTAGAG ACAGGGTTTC 2280
ACCGTGTTAG CCAGGATGGT CTCGATCTCC TGACCTCGTG ATCCGCCAC CTCGGCCTCC 2340
CAAAGTGCTG GGATTACAGG CATGAGCCAC CG 2372

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) \HYPOTHETICAL: NO

(iv) ~~ANTI-SENSE~~: NO

(xi) ~~SEQUENCE DESCRIPTION: SEQ ID NO:2~~

TTGGCCAGTA TATTATGACT

20

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20\base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3

CCTTGAAGGT GGGAGTGATC

20

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4

TGGATCAGGA TTCAGTTTCA

20

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- (ii) MOLECULE TYPE: nucleic acid

(iv) ~~ANTI-SENSE~~: NO

GATGACTCAC ACCATCATGG

20

(i) SEQUENCE CHARACTERISTICS:

- (ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: NO

CAGAGCCTTC ATCTTCCCAG

20

(i) SEQUENCE CHARACTERISTICS:

- (ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7

ACCTCACAGA TTCCAGCTTC

20

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8

CCAGCTTCGG AACAAAGAGAC

20

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9

TCTACCTCAT CTAGAAGGAG

20

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10

TCCTTAGCTG ACTATTGGAA 20

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11

TCATGCAATG AAATGAATCC 20

(2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 1710 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12

GAGGAGCCGC	CGCCTTCTCG	TCGCTCGAGC	TCTGGACGAC	CATGGTCGCT	CAGGCCCCGT	60
CCGCGGGGCC	TCCGCGCTCC	CCGTGAAGGG	TCGGAAGATG	CGCGGGAAGT	AGCAGCCGTC	120
TGCTGGGCGA	GCGGGAGACC	GACCGGACAC	CCCTGGGGGA	CCCTCTCGGA	TCACCGCGCT	180
TCTCCTGCGG	CCTCCAGGCC	AATGTGCAAT	ACCAACATGT	CTGTGTCTAC	CGAGGGTGCT	240
GCAAGCACCT	CACAGATTCC	AGCTTCGGAA	CAAGAGACTC	TGGTTAGACC	AAAACCATTG	300
CTTTTGAAGT	TGTTAAAGTC	CGTTGGAGCG	CAAAACGACA	CTTACACTAT	GAAAGAGATT	360
ATATTTTATA	TTGGCCAGTA	TATTATGACT	AAGAGGTTAT	ATGACGAGAA	GCAGCAGCAC	420
ATTGTGTATT	GTTCAAATGA	TCTCCTAGGA	GATGTGTTTG	GAGTCCCGAG	TTTCTCTGTG	480
AAGGAGCACA	GGAAAATATA	TGCAATGATC	TACAGAAATT	TAGTGGCTGT	AAGTCAGCAA	540

GACTCTGGCA CATCGCTGAG TGAGAGCAGA CGTCAGCCTG AAGGTGGGAG TGATCTGAAG 600
 GATCCTTTGC AAGCGCCACC AGAAGAGAAA CCTTCATCTT CTGATTTAAT TTCTAGACTG 660
 TCTACCTCAT CTAGAAGGAG ATCCATTAGT GAGACAGAAG AGAACACAGA TGAGCTACCT 720
 GGGGAGCGGC ACCGGAAGCG CCGCAGGTCC CTGTCCTTTG ATCCGAGCCT GGGTCTGTGT 780
 GAGCTGAGGG AGATGTGCAG CGGCGGCACG AGCAGCAGTA GCAGCAGCAG CAGCGAGTCC 840
 ACAGAGACGC CCTCGCATCA GGATCTTGAC GATGGCGTAA GTGAGCATTC TGGTGATTGC 900
 CTGGATCAGG ATTCAGTTTC TGATCAGTTT AGCGTGGAAT TTGAAGTTGA GTCTCTGGAC 960
 TCGGAAGATT ACAGCCTGAG TGACGAAGGG CACGAGCTCT CAGATGAGGA TGATGAGGTC 1020
 TATCGGGTCA CAGTCTATCA GACAGGAGAA AGCGATACAG ACTCTTTTGA AGGAGATCCT 1080
 GAGATTTCCCT TAGCTGACTA TTGGAAGTGT ACCTCATGCA ATGAAATGAA TCCTCCCCTT 1140
 CCATCACACT GCAAAAAGATG CTGGACCCTT CGTGAGAACT GGCTTCCAGA CGATAAGGGG 1200
 AAAGATAAAG TGGAAATCTC TGAAAAAGCC AAAC TGGAAGAA ACTCAGCTCA GGCAGAAGAA 1260
 GGCTTGGATG TGCCTGATGG CAAAAAGCTG ACAGAGAATG ATGCTAAAGA GCCATGTGCT 1320
 GAGGAGGACA GCGAGGAGAA GGCCGAACAG ACGCCCCTGT CCCAGGAGAG TGACGACTAT 1380
 TCCCAACCAT CGACTTCCAG CAGCATTGTT TATAGCAGCC AAGAAAGCGT GAAAGAGTTG 1440
 AAGGAGGAAA CGCAGCACAA AGACGAGAGT GTGGAATCTA GCTTCTCCCT GAATGCCATC 1500
 GAACCATGTG TGATCTGCCA GGGGCGGCCT AAAAATGGCT GCATTGTTCA CGGCAAGACT 1560
 GGACACCTCA TGTCATGTTT CACGTGTGCA AAGAAGCTAA AAAAAAGAAA CAAGCCCTGC 1620
 CCAGTGTGCA GACAGCCAAT CCAAATGATT GTGCTAAGTT ACTTCAACTA GCTGACCTGC 1680
 TCACAAAAAT AGAATTTTAT ATTTCTAACT 1710

(2) INFORMATION FOR SEQ ID NO:13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13

ACATCTGTGA GTGAGAACAG 20

(2) INFORMATION FOR SEQ ID NO:14:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14

GTGAGTGAGA ACAGGTGTCA

20

(2) INFORMATION FOR SEQ ID NO:15:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15

TGAGAACAGG TGTCACCTTG

20

(2) INFORMATION FOR SEQ ID NO:16:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16

ACAGGTGTCA CCTTGAAGGT

20

(2) INFORMATION FOR SEQ ID NO:17:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17

TGGGAGTGAT CAAAAGGACC 20

(2) INFORMATION FOR SEQ ID NO:18:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18

GTGATCAAAA GGACCTTGTA 20

(2) INFORMATION FOR SEQ ID NO:19:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19

AAGGACCTTG TACAAGAGCT 20

(2) INFORMATION FOR SEQ ID NO:20:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20

TGAACATTCA GGTGATTGGT

20

(2) INFORMATION FOR SEQ ID NO:21:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21

ATTCAGGTGA TTGGTTGGAT

20

(2) INFORMATION FOR SEQ ID NO:22:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 21 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22

AGGTGATTGG TTGGATCAGG A

21

(2) INFORMATION FOR SEQ ID NO:23:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23

ATTCAGTTTC AGATCAGTTT

20

(2) INFORMATION FOR SEQ ID NO:24:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24

GATCAGTTTA GTGTAGAATT

20

(2) INFORMATION FOR SEQ ID NO:25:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25

TGACACTTGT TCTTACTCAC

20

(2) INFORMATION FOR SEQ ID NO:26:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26

TGACTCTTGT CTTACTCAC

20

(2) INFORMATION FOR SEQ ID NO:27:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27

AGTCATAATA TACTGGCCAA

20

(2) INFORMATION FOR SEQ ID NO:28:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28

GATCACTCCC ACCTTCAAGG

20

(2) INFORMATION FOR SEQ ID NO:29:

[illegible]

- (ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29

20

(i) SEQUENCE CHARACTERISTICS:

- (ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30

20

(i) SEQUENCE CHARACTERISTICS:

- (ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31

20

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32

20

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33

20

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34

GGATTCATTT CATTGCATGA 20

(2) INFORMATION FOR SEQ ID NO:35:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35

CTGTTCTCAC TCACAGATGT 20

(2) INFORMATION FOR SEQ ID NO:36:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36

TGACACCTGT TCTCACTCAC 20

(2) INFORMATION FOR SEQ ID NO:37:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

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Journal of Management Studies, 19(1), 1-16.

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Journal of Management Studies, 19(1), 1-16.

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Journal of Management Studies, 19(1), 67-80.

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Journal of Management Studies, 19(1), 67-80.

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Journal of Management Education 30(6)br/>
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Journal of Interpersonal Violence 26(10) 1978-1995
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DOI: 10.1177/0886260511419111
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(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:43

ATCCAACCAA TCACCTGAAT

20

(2) INFORMATION FOR SEQ ID NO:44:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 21 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:44

TCCTGATCCA ACCAATCACC T

21

(2) INFORMATION FOR SEQ ID NO:45:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:45

AAACTGATCT GAAACTGAAT

20

(2) INFORMATION FOR SEQ ID NO:46:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:46

AATTCTACAC TAAACTGATC

20

(2) INFORMATION FOR SEQ ID NO:47:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47

UGACACCTGT TCTCACUCAC

20

(2) INFORMATION FOR SEQ ID NO:48:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48

UGAGACCACT TGTCAGUCAC

20

(2) INFORMATION FOR SEQ ID NO:49:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 73 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: both

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(iv) ANTI-SENSE: ~~YES~~

AAGCTCTTGT ACAAGGTCCT TTTGATCACT CCCACCTTCA AGGTGACACC TGTTCCTACT 60
CACAGATGTA CCT 73

SUB
A

Table 1. Mean values of the variables measured during the three trials